TECHNICAL DEPT

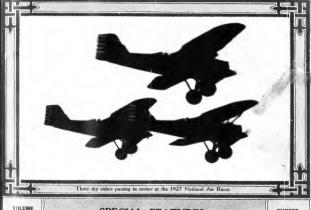
The Oldest American Aeronautical Magazine

OCTOBER 10, 1927

HIXX

Issued Weekly

PRICE 20 CENTS



SPECIAL FEATURES

TRAVEL AIR HISTORY 1927 NATIONAL AIR RACES

NEW ENGLAND AVIATION EXPOSITION AVIATION PUBLISHING CORPORATION

Editorial and Business Offices 250 WEST 57 STREET, NEW YORK Publication Office

HIGHLAND, N. Y. es as Second-Class Matter, Nov. 22, 1920, at the Post Office, at Highland, N. 2 under Act of March 3, 1879

NUMBER

LIBRARY

Raising the Standards



THE CURTISS V-1550 MOTOR

What the four entries did at Spokane September 24th Winner of the Liberty Engine Builden Treehy Race

First, Lt. H. A. Johnson, USA, m Corton Falcon.

Winners of Free For All Pursuit Ship Race First, Lt. Eugene Batten, USA, in Curtin Hawk Second, Lt. A. J. Lyon, USA, in Cutter Hards

When the new-famous Cuctor D-12 motor of 435 horsenower you introduced to the assessment industry in 1973, it is seen distribu-Its tremendous proces, small frontal area, and low wretht per bossepower made possible the development of the remarkable American finisting planes which today are acknowledged as the smeld's finest

The new 600 horserouse Carties V-1550 motor has for more power, less frontal area, and lower weight per horsepower than the D-12. It retains all of the basic design features which have made the D-12 noted for its smooth operation and unfailing reliability.

The V-1550 again raises the standards in military aircraft design The CURTISS AEROPLANE & MOTOR CO., Inc. Offices: Garden City, N. Y. Factories: Garden City and Buffalo, N. Y.

Both shins a year old.

These ships flown a total of 200,000 miles Both ships with records clear of any major repairs.

The Naponel Art Derby, New York to Spokene, streedard commercial Jobs, with a total of 200,000 miles to their credit, and no major repairs of

It is forther interceive that C-110, which placed

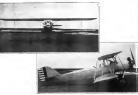
between Chrosen and New Orleans-1960 miles in 16 hes. 20 min. And did 70,000 griles or Commercial plane users will do well to consider tries built especially for the Derby. When two entries of standard jobs, built a year ago, can enter an event of this importance and place me are commercial tob bourge will be interpreted

E. M. LAIRED ATRIPLANE COMPANY, 45th West Rivel St., Chicago, III.



Getalor 10, 1107

in the rear



The Consolidated Courier! SPECIAL connection tree came the Weeks Whichmad series, desceed to provide the following: canadate dual con-

ted for training and granter from exampler carrying, starts of every seet, even-country flying (with remarkable ability to get in ead out of small fields), presery gracine both fixed and feedble, observation relations with racks. There THE CONSCLIDATED COURIER is a provinc developed suplem. It is last very aboverby and it embedses it makes frommy when have maked as professions, the CONSCLIDATED TRUSTY and CONSCLIDATED HUKE. same indices which have mailed in principation. The CONSULEDATED INCOME and CONSULEDATED PROSEST and CONSULEDATED PROSEST on head such an improvedured second for solving and developing an improve an improve and income an



The Consolidated Husky

CONSOLIDATED AIRCRAFT CORPORATION

The Ryan Brougham

Five Place Monoplane



Leading a new trend in aeronautical design we have built the Brougham to carry 83 gallons of gasoline, pilot, four passengers, and baggage of five suit cases conveniently stowed out of the way

Fully loaded the usual performance of this type monoplane is at once apparent, quick take-off, slow landing speed, high cruising speed, and excellent maneuverability.

Unhalatered in ailk mohair with the entire cabin insulated with Balsam wool, owners are finding this newest product of the Mahoney Factory not only efficient and economical but unusually comfortable.

> "The same model that Colonel Lindbergh Rese. edapted to passenger carryine."

WITH SUPER-INSPECTED J.S.C MOTOR \$9.700.00

B. F. MAHONEY AIRCRAFT CORP. SAN DIEGO, CALIFORNIA

LORRAINE-DIETRICH AIRPLANE ENGINES





nce-Deay and Geenin in a Peter 25 with

15 000 miles in drawn best seems Afreca her

A Result of Vast Technical Experience Simple design and construction, economical maintenance and great reliability

FORRAINE-DIETRICH engines are the heat 3,500 miles in 3 days, by Ayraphant and Carol. known and most scalely used in the (Corona des Capitales), in a Peter XXV, work world. Not only have they achieved 6,500 miles in 6 days, 18 hours, Para-Peksag driver thousands of planes, both civilian and with 450 H. P. segme. unditure. Phrough the darly routine which demands to truck of an engine and about 6,590 miles in 9 days, (9 stops) Takin-Course hasen by Captain Barred flying a Fokker with

New York-Burnes Asres, by Durrays, Olyscen and Campanelli, in a S. A. V. O. I. A. flying

World's altitude record of 39,500 feet, he

Callies, flying a Ellerest-Sped, with 450 H. P.

Crossing South Atlantic, from Balance to San Fernancio de Norokea, 1600 miles in a non-ston night flight of 17 hours, 10 missates by

SOCIÉTÉ LORRAINE-DIETRICH ARGENTEUIL (Seine-et-Oise) FRANCE



Years of Successful Experience Built into WACO Airplanes

The exceptional beauty, subsued of comfort, segment

To receive a WACO propriety more than money, more then factory facilities, many than revieween region

To be so a WACO is to know that its name features



October 10, 130 O. robor 10, 1927



Leadership

One piece Master Connecting

Complete enclosure of all work-

Grouping of all Accessories at the rear of the Engine

Pratt & Whitney engines pioneered with provision for all accessories in one unit, and completely protected by the cowling. Accessibility is excellent, and engine installation and maintenance have been greatly simplified

In this basic feature the "Wasp" and "Hornet" have materially influenced all modern are cooled engine design

> PRATT & WHITNEY AIRCRAFT CO. HADTFORD CONNECTICUT

The Warp 45 1900 B P.M.



Increased Flying Safety GUENN L. MAR

Increased Safe Flying Life Reduction to Minimum of Forced Landings Decreased Cost of Operation

THESE must be the keynotes of tomorrow's planes. The exhaustive research program of The Glenn L. Martin Company,

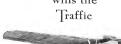
launched in the mid-summer of 1926, carried forward without pause or interruption since that time and still in aggressive prosress, is aimed at these four ac complishments. No detail of design, of construction or material is being accepted on past precedent—each problem is being

Achievements already to the neers emphatically confirm the soundness of the program.

Builders of Quality Aircraft Since 2509 CLEVELAND, OHIO

DEPENDABLE ENGINES

Safety wins the





consideration in the Food mount in

THE STORY MICH. AMPLOYS to

Safety and reliability! They are the



Com. D. Ostron. Posterior of Editor Discovers and Advantors Publishers, Comp. New York. Lucia D, Gresses Poblesies Office-Hightists, N. Y.

Vol. XXIII

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NEWS ARTICLES AND ITEMS

R.A.F. Price Completes 5000 Mr. Flight bellet., Raider Raft During Chate forms Contraction of Jordan Hawar Completed

FEATURES AND DEPARTMENTS Obc 1977 National for Roces nevel Air He-ton

The Countral States "Workscooms

WHERE TO PLY SUBSCIONY

With the Editor

increase its meantfacturing famede which when completed



The Oldest American Aeronastical Magazine

OCTOBER 10, 1927

Shifting Pilots

Give Them A Ride

utities the completion and test fight of every als that was an event and often the whole factory was

controls protty much file any other airplane. Seshap forence. However direct contact with fiving to

One Plane Hensers A S A result of the mercurage popularity of civilian

A sciation and a proportionate sucreme un the purund entirevely by transport lines. In other words,



Wright Whitlested 200 H Plair cooled cad plane models during 1926

large more with the necessary for the greater de-

WRIGHT

engine

-and in 1926 Weight Whishward



The wart of the Free-Per-Ki Millery Parriet Skip Store

The 1927 National Air Races

O LD TIME available, followers of studios available as well covered. There was a field hospital with good aucholosy The street accompanies way builded though committee



The more brands object of all eyes at the close of main proper.

are of these Parking spanses ner perioded in fields near the part for eary and by the

correct of the affect, which Strokane resolvets declare note were started proposity at the learn set, the wea-

" or thoughten in the way of speed for commercial places

... new attracted Indiana from nearly reservations. was shown in the free-for-all trace for commercial placer when Pilot James Her probed a Princip Securing around

reprinting the econest. The Bengarwing was the only place in the race which that Second and third places went to a pair of Lairda, can un-



Pulsers R. A. Gott, Mr. (1981) makes from any in concesses with Mantored as a Level Communical and the other as a Lazel Wind-Buy first a salended man empediest the sedans test encuriand harking his speedy little place around them or a style equalled by few of the crack named tolers. Here good designing and flying have reabled planes yew.



O . Int to a Cordan "Petron" distinction and other recording the event patters. In the energy to the Hamilton Maniphone bending two a name of the Add Transport Speed and Efficience rate

Occades 10 to 11

a closed course was demonstrated as the Western Flying Trelayer of the race of the rate of \$100,500 min.h. Breaking of a wheel as the Irwin Meteosphere left the





Liest Eugen C. Brice, Army Ab Corp., and the complete parsonal Corps. "Flowb" XF4A (Corps. Virgos) on which he was the Front For Art And Army Parson Street and Army September 1 and March.



Laur heavy A. Driven, Amer Air Corps, wheneved the Liberty Englas Station' Traphy and the Cortics "Patron" HO SA (Circles Vegas) in Wide to company or and made.

the specialist person men. The plane cond was the XHIA, powered with one of the

c -- der 10, 1927



" "North renning the west price as the Madesal Sir Haup, for a schedul the coast had a speed of 200 mp h, or reth " tire has a new dorms aweedness). Wine, Clark Y.

power lookings not available for the type. Would assesse malety 4,000 green, Faster of safety, 8.5. The segme is the chort specify of the plane, hance a The segme is in chief novelty of the plane, having a homepower of 790 with the high congruence and in these or it the same seroissiscen per mounts, 2,660. It is only 40



1.29 Ec. normal larger to carry the soldborns rever. Yaban also use made

The crimder block construction in the 1800 worders was the D-12 amploys a classed-end share, with valves magazed in

Jones' Oriode in 2009. It comprises in the sorie a flet base

October 10, 2327 Gamber 10, 2927 set affect the wing bit and thre explorated orbinally or most to bloodies transports recovered with Educity source

J. Norsen, who flew a CIC. Their times were 200 /15



and expelle of surrying at least 5,000 th-The periodate lately come to be reported as the life-cothrue was made by Holds Drahold, a Torona birk selved

in races jumped from a looping plane. Several times there

no. Half or more pumpers to the sar at once. On an oc-The manaphine type of construction, which has been re-main to the fees in popular smalls, was vary 1826, apparent built is fourth place in Class A of the People coast derby. There Stimes monoplems, a Yester, a Rever and an



Then many parent places firthy wag-sip incomplete at the Madden Party and Salt Lake City and a hig Beneg rates by

they strong field to give and the long responded, went of Chicago were on doploy but not extend in any Except the Fulder to-engag, all the Army section were beclured, meladian Carline Hawto, with D.TI and V.1550 one In all, approximately 100 planes were on the field. The

requeed by Bay Corner, Markenn during governor the race, in a Silvan-Detreiter plated by Edds Stirres and placed at his service by the Silvan retereds and the Tale Water Di Co. large supports and will return each by way of Son Mage, Pharmy, \$2 Prop. Fort Worth, Tubes and \$3 Lemm. The



The please to be used in the state which compeled in the

White on the true airments will be surroyed with an one to their am by the 1928 tournin, over hoden will be consider. B A F. Pilot Completes 8000 Mi. Flight

Word was recently senerced that Flight Louis E. Rawdy. word was recently seed not be the freeze to be the hought and fight on record in a de Hamilton "Moth" with a 30-50 to Mark II Orem nation Fluids Locatement Deathy completely to Mark II Orem nation Fluids Locatement Deathy completely up MARY 11 Corres separa Fugat Locatement ricely completed a fight from Louden England, to Copetown, South Afron, a distance of about 5,000 ms. He seeds was un Pracon.



Mani, Atted 5, Spon, Army Air Corps, and the Cardes "Rock" XPH that he for in sepond above in the FreeDor-All Military Parents East No. Spond was righted and the place was present) with a Cardes Worlds capes.



The New England Aviation Exposition

By DANIEL BOCKFORD

ORK THAN must, thousand persons rackeding in their avoiding conference at the Hetel Statler or Scotics and must

A B.S.T. Com. Exhibit Horn seven, are seed stomps from different nations, so to the for existent schools, as exhibition of "maxifilized

> o New England agent. This company also represents "24 and deplayed his products. A large scale model airport featured the Booten Chap-

> ker - as targets. This shart proved quits interesting to the

Judgology reliable. A majoritor word tomast was shown

Borrel Martinevée Bialone Showa

the of the Stokent places to the slow was the bible (a) This plane was flows to Feston by the Harvard poleta, four place value and a Rolls Bayes segme. It is the proper-te of Matthew Lan. so, of the recent of Bisyest College. vit of data fartures it preved a popular drawing card because The show more than made up on pepaler interest and at-terdance what it lacked in latest model places. Even the show by two aventure classes. Daniel C, Sayre of M.I.T. show by two acution classes. Daniel C, Sayre of M.E.C. brought a class is rapping to the slow as quests of the man-agement on Tombay afternoon. Prof. Hidding Carbon who is going a concre in the brancass of availant at Boaton, Un-

ers, beserve foreign, therefore model places, and response age part accentures and may made by W. Wagger, a mouther,

Many of the exhibitors reported a strong volume of astual business. One community strend up 32 read school struments.

al sublet. The plans is being flows by Experier W. H. Conde Birkard E. Byrd, honorary commander of the thermal Die is lock of training plans at the Boston Armort - by used a solut bury skin and a half dozen of his optimization.





event that he finds is necessary to lead to the major. You be fine the plane. Philip is at a Marine private private

Inflates Rubber Raft During 'Chute Jump Patronia River. When near the water Curnoral Haffman purpoil from a Levinory pitture palested by Lorest, V. M. Gary man of Solt Lake City. When his marrobate occuped seventy

Travel Air History



One of the eight Tracel Air transport monoplanes non N THE octobe wall of a sociated places; sell is an undergoosted part of Wakita, Kati, is a field agree trading "Freed Are Inc." Within this healther was

larger quarters were procured, a madern building in Wist.

my enlarged repully and standay, both in fintage and in office, when upon "growing pane" leggs to manifest the altern. The remails are limit temperately in the resting of Two More Trevel Ast Winners

corn and haggage, the copiesson began work on a new cornel, a moreoptate. This was built, and tasked and it flow it flow in and around Wichele, giving a new conception of skill and efficiency. They have a 50 hs. week. Twenty-free The it and around within, giving a new conception of one for a promount Air Transport. Then it flew to Ha-corrying Erms Smith and Emery Rocats. limit the year in became appropriat that more space was

Them to bewerer, but you test wifut. Clemen Clerk my the part year has been conted by Mr. Clark or sice Wall for Beach. Serboys the term of Mr. Clark, Mr. Beach was There are should produce were brought to the new fee-

there has been to loss of production or of quality or the air-The firmth of the Paristy Superstand.

The firmth of the Paristy Superstand.

The firmth of the Paristy Superstand. 122 employees who daily labor at routine today, growing in of labor, the progressive assembly line, made famine by



of the wing assembly department to the Would did because. In the foreground can be seen a warkene porting the finishing needless

Breey Ford. There is a daily serving of coast is various



October 10, 1527

--- No. 100. 1607



210 Consolidated Instrument Company of America, which

The New Consolidated Institution Roard

property elactivity in the displants or due to differences in propertiest elacticity in the displants or due to difference to be reacted powers. The Tay altimater but an actualing over retr doughress, then compressiting for the differences in dis-

The altimater can also be adjusted for differences in horse

re precedice, a moistary absorbing fevice is contained is type D pressure gauge was specially designed for nor

The type UNSSER feet benef swares in derived to be mounted

At the afternoon and evening sensors papers will be pr Credit to Loening

To Hold Safety in Aviation Meeting

the Bellevae-Stretfard Hetel to Philadelphia, Pa , on Oct. 23

The following is an except from a letter waiter to Area.

nor the passeering work which they have done in the develop-ment of composite construction of firing boot kells. It was

Construction of Airship Hannar Completed The Appendit Development Corp. of Detroit, Mich., records construction a 200,000 on ft, metal shad supplys for the

part. The pland is advanted at the month of the Everort

Sells Plane at National Air Race

one page accordant when he have groun too nathery of Manya-ville, Mask, in Spokano, to Angrest Penters, a wealthy read-dent of Spokano. St is underspaced that the wursham wren-

Powered With a Wright Whirlwind and Carries a Full Load of 3600 Lb, at 123 M.P.H.

October 10, 1927







Green welcote. Celler braded

Undel lend (pdot, passengers-or exposes-fast Power plant, Wright Warrieted J.S.C. 250 hp at 1990 r p.m. there at dist at my level at a contract to the

High speed, on head of 1000 span. 120 mp h 100 span. 120 mp h

At the pair of the color mass the floor is a storage battery. Nor this is a section take for the segretaints of passengers the wings age of wood with her spars and consectional Warmen from ribs. The compression ribs have a solid ply-

The discourse wing July on a H.A.T. Made year. The want expecting strets are of said biblion The taid structure is operational bearing the stabilizer of the bear access to the property of the rear ever. The re-

SEE TRAVEL AIR stood asks beaupont montplet Type 0000, now in region projection at the factory of the Transl Arr Mfg Co., Weblin, Kan, in of commenced mentionable having a wided steel facilities for a secondar sing which is enternable based. below, with a shiften window, or fitted with winker observe to



parent come would impain the pulse's vision.

Standard instruments underlying affinetes, bush and terr

lasting lights are normally oursied in the wings near the top



By places the right is an elevated parties in front of the

Absolute rading Normal crassing range (with 15 gal fact) . . . 675-725 sec

AVIATION

Schneider Planes Used Reed Propellers

Wright Whirlwind Orders Doubled Orders for Wright Whistoring segmen so day this year here pose in superal \$1,000,000 for the purchase of the plant it now occupies in Pulcinco, N. J. which has been rested



The Last Perode

Six "Jecous" take the long cool at Lin Sagrhe, Cold, offer pro-m across as increasing sings to beginner. These shows the plane, one-ring a final assessment below being decouped. Cook's First Air Tour Proves Big Success.

J. I. Young control memory of Thes. Code & Res. reserve

The selfed are tone will shortly be followed by a series of

N.A.C.A. Tests on Airship Models

Amsterdam to Batavin and Return Seeled perpends, speeced at the Post Other Department recently for the deposed of the other remaining De Hardinal Ven Lour Black, publisher of the Bellimore Stan.

O ther 10, 2327

Occober 10, 1011

nor mail prict, and holder of the Herman tempty for 1936, any flying for the Vetcoul Air Transport, Inc. Sentile-Los Angeles Schedule Appearanced

united of "specing up" in main extrin unit consummer.

The new inhelids assisting to reports in as follows:
"Leon Sentils, II 45 P.M.; "leon Terms, I 30 A.M.; leave Petitind (Vancourer), T.A.M.; leave Medical, 8 30 A.M.; Searce See Francisco, 112 P.M.; Searce Francia, 2.15 P.W.; Searce See Francisco, 112 P.M.; Searce Francia, 2.15 Lors Les Angles, 12:03 A.M., leve Balerchid, 139 A.M.; lorse Fronc, 5 A.M.; leve fix Frances, 5 A.M.; lever Madhad, 8 A.M.; lever fix Frances, 5 A.M.; lever Madhad, 8 A.M.; lever Period, (Terromon), 12-84. to it occupied. The American World force in 1904 fee AM, leave Tarona, 1 to PM, spone Scattle, 2 PM

Bids for de Havilland Planes Opened



Look Out Below

effet error for parciars torget on medicine or the Assertant Bert S of furthe nearly when some man of the Mery and Merico (nearly nearly to the Section 1). The present entered we are the first to the control plant in the section 1. The present entered we are the first torthe learn in the section (near in the section 1) and the section 1. The present entered we may be discovered to the section 1. The present entered to the first torthe 1 when the section 2 and the section 1. The present entered to the first torthe 1 was not to the section 2 and 1 and 1

October 10, 1927

Optical Company Uses Air Express

many delays sendented to work-only reduced over a long

N.A.C.A. Technical Note No. 265

Austin Co. Completes Modern Hancor The interior of the hanger is well lighted, due to the use of continuous steel seals around these askes of the building in of hat a few prunds pressure. Each section of door I a

age over witnessed to peace fine in the another sectority. monty four of some were note in the sanger. The Thompson Aeronoudinal Corp. ban here duning a rock flying partnerson, in fact, a complete service is affected to an American Engle Book Capt "Ten" Marchall, general manager of the company, has experienced grant difficulty in

The office and oteres department adjains the hangar on on

Goodveer Air Yacht Again in Operation The Geodynar are yeekt "Fileron", the world's smallest or-

The tory needed was flown to Paril Appear at Destroys, Mark, at the time of the recent International Stations R.v. On the day preveding the International Base, the simily, plotted by C. K. Wellam, was taken to the Tom O'Bassier Cranter Olds where a number of demonstration flights were

The ear is retardly embood, fixeded in published misted and Haskelite Manufacturing Corporation A proteble meeting must of light weight tabular sountry

Ever since Travel Air began-HASKELITE The Travel Air Megalicturing Compage, Inc. bus used HASKELPTE concommune on 1965. The Tennel Aur. Stones to Hawaii, that some the Dobe Horadala mee, that finshikky Teer, all amployed HASKELITE extensively. In terry year, have no many third experiencing property and the property of th To have a wart in such a On the control of the PROPER ALS BERNSHATTERED TO LEGE HIS blood-glue plywood is used in 90% of the American aircraft with alread construction, including Army Navy stornail and other commercial plants Weight for weight, it is stronger than steel, and so shoulded waterproof that panels have been hoiled in PIYWool water without separating the plies. It can be shaped to compound curvature with ne loss in strength. Write for a first of applications and representative more. PLYAMETI

133 West Washington Street

CHÎCAGO

Occuber 10, 1927 Occuber 10, 1927



NAVIGATION LIGHTS

The Au Commerce Barolanous recognishe are of Nascotton Larbin, as follows:

(A) Applier from ... The suppler leads (B) Angless Ephin.—Between one-ball I On right side a green light and on left

The Pioner Neverston Light, of which an illustration appears below, fallith these recurrences. Sole These balts are very substantially unde, and are easy to motel. The base is of cost aluminum alloy: prior egen ner very southathing mide, and ant easy to ment; the pase is all out all animans along. The shell of red, given, or close subdand, assembling is the posters in which the light is to be mounted, in readly sensivable for replacement of belle. These larger user standard automobile headight bulbs.

Name to be but the second of the fee impediate delivery at Lot Appelo and See Francisco, as The Trend Air Balanc of the Department of Congresse, shortested above, shows a solanded notellis-

tion of Nacastro Lights. All Trevel Airs are fated and wared for Piescer Navagation Lightsready to be equipped for night firme by amply servering the lights in place and con-The same of Pieuceo Navaration Lights per set of those, complete with bulbs, is \$15 00. Falls.

Ploneer Instrument Co. 754 Lexington Avenue Brenkiyn, N. Y. 15 Space Steam 639 Sp. San Pedra



The Travel Air is equipped with Standard Steel Propellers CTANTARD STEEL Adjustable Pitch Pro-

groc, which won the Dole Derby to Hawaii and H. C. Lippintt's hiplane A Derby are both eccupped with Standand Stool Propellers. The circlet money-Air Transport Commany by the Travel Air Manufacturing Company are all Standard Steel Propellers insure reus

STANDARD STEEL PROPELLER COMPANY General Offices & Works

WEST HOMESTEAD, PA.

CONSOLIDATED

INSTRUMENT COMPANY OF AMERICA, INC.

Announces

A COMPLETE NEW LINE of AIRCRAFT INSTRUMENTS DESIGNED ESPECIALLY FOR MODERN COMMERCIAL AIRCRAFT



JONES TACHOMETER AIR SPEED INDICATOR perturn our driade. It made be ed within the case affecting







Travel Air Has Used Jones Tachometers From The Beginning

Consolidated Instrument Company of America, Inc.

NEW YORK Contractors to the U. S. Arest. Navy and Coast Goard

October 10, 1927



TRAVEL AIR and DARTMOUTH-TEX

HE RECENT Pacific flishes of Smith and evidenced beyond mry doubt, the degree of perfection that the builders have attended in the Trivel Air. The fact that the National Air Transport Company has recognised in the test of a daily mail posts and have ordered Obcaso and Dallas is a wonderful tribute to the enleaded condition of the ship. No small past of the success of a plane in the to a careful chosen of materials and a minute

Dartmonth-Fex pero-cloth was used on the Evel's plane and that of Mainland and Horoshoroz The Greens Ballenes recen pitter is also covered with this cloth. In each rese of her facilities by served its purpose and early days of the undasery

W. HARRIS THURSTON THERSTON CETTING CORPORATION HADS PRANKLIN STREET NEW YORK CITY

THE LEADING GRADE "A" AERO-CLOTH IN AMERICA



October 16, 1927

October 28, 1907

VILTION

aviation circles

y ears ago—unknown

THERE IS NO ACCIDENT about Travel
Air's high position among commercial aircraft. Never was there more serious or
solemn purpose than that of Travel Air builders.

to dominate their field by sheer merit of each finished airplane.

And the reward has not been lacking. Steady increase of business: expanding factory and

increase of business; expanding factory and organization; comfortable profits, despite lowered selling prices. All these have come within less than three years. But the greatest reward is not in these. It is in

the rapturous expressions of pilots when they first fly Travel Airs and learn of their performance and their sucress of handling. It is in the bond of friendship between producer and purchaser which develops more and more firmly as the flying hours mount up into the many hundreds.

These are our greatest reward, and our inspiration.

Catalog on request

.......

Travel

Below-The Travel Air Transpor slater ship to Art Goobil "Woodores" ushish soon in



TRAVEL AIR MFG. CO., INC. ory and General Office, WICHITA, KANS.

Our los 10 1927

Every Travel Air Plane carries a Mobiloil recommendation

CARLEGRAM

USED YOUR GARGOYLE MORLOIL ON



Left in right Love, W. V. Dorre, U.S.N. normaster, "Art" Gookel, pilot, Walner Breach principal of the Torrel As Manufaceuring Co-leudines of the "Secularies"

he sustified the sudement of the builders of They had specified that every plane comcarry a Mobiled recommendation plate on

The Travel Air Manufacturing Commany Waker Beech, president of the company,

Mobiled has twice spanned the Pacific by air - first with the U.S. Army fews and

such as Landbergh's from New York to and the U.S. Army fixers in their trap



Standard Aircraft Finishes

Clear Nitrate Dopes Pigmented Color Dopes Craft Lacquer Enamels in All Colors Clear Top Coat Lacquer Moral Primar

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Van Schaack Bros, Chemical Works 3358 Avondale Ave., Chicago, Ill.



TRAVEL AIR CABIN MONOPLANE Powered with Worlds Wheeland 200 has Eastern

SCINTILLA Aircraft Magnetos

SCINTILLA MAGNETO COMPANY INC.

Contractors to the U. S. Army and Navy.

STONEY NEW YORK

VACUUM OIL COMPANY "The Port of Chings, Thickeless, Steam State States

on her 16, 1927



Travel Air Planes

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The Monorcupe is an externally brazed, high wing more The cubes or very record, with the point and passenge

The frankage is of welded start taking built rate a Warren true shaped to grue plenky of room so the reckept with a need reduction or death and welds all of the solar, All tolthe engine mount commits of the clemes molybdowns steel

Tide view of the "Monocope" present with a 55 kg. All-Call caption comproming members gland and called to such side centering at the drug branking fallings. The single drug wire braining in of the conventional type, No 33 plane with bring used (frequipment. The wide of the space food to effice the

und throughout the week of the space too.

When free leveling

The ring receiving is of first grade surplices cloth idiabeted.



A fire an of these TM-company's prophenical for the Central Street Age Co. Let., Throughou, Sens.



The officers of the company on William C. Wakehold

May 1925. The planes will be equipped with waveless on I light refreshments will be arread on rappe.

The company has been prevaled finesced by a group all froings here ample manries of safety. Strete see at-The through five from Detret to Florida, on the Bude & Northern Air Lens, in \$100. Reversition must be made in

The mucket is find to the orchargiers by gravity from the two backs in the wage. Copper taking and Tyle Flex is and for all feed lines. The sel lank as allowed behind the source The Steat Air nervices appeared the phase and rarge was made at various polets along the roots in under to obtain the ideal HANGAR for airplanes . . . no columns, no trusses

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October 10, 2327 October 10, 2927

B G Sperk Pluzz Much in Evidence Speck plays manufactured by the B.O. Gree, of New York. New Vertex Carps and orders anadores.

Of the 68 S C coverpool plants 19 ways personed by Wriess Whiteless Committee of the C he all the both speed races for both suffery and crelino on the plane danding first, second and third. In the New York to Spokace, Claim A derity the first five planes to figure.

N.A.T. Pilots Have Flown 7,146,030 Mi. Twenty of the twenty-one remise relate and two rather

3,000 hr. terfing places for the Army. N.A.C.A. Note on Local Factor Formula lothed a Technical Note on "A Load Pactor Formula" by Boy G. Miller. Technical Note No. 283 in the resolt of the right

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A may drawing of the Dated States streets as of Don 31, 1917

Inches Company Develops Parelin Airpeys but on evenestal agrees are bear developed by the

South American Arieties Activities

Although development in eight avention in Later Assesses South American governments have appropriated relotanted tend to the weekle live of cord air tracementation. A company using condition has been apprehise on the per, mad, kaggage, and exposes between those office of rea-sorable rates and with small ands from the governments. The

a company operating personnel current and non-Course and corring read, paracognes, and goods. That company, lik-liant others, also covering a firster subsectavil air services between the erion of surportance 250 proceepers on the 143 flights route during the first series from the of surrentees. The Ownerment has argued only offet ... or penalty those along the event. The Government re-

vine between Europe and South American countries. The termen inferent to occupantion with a company furned in

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The Lockt Plane Pirrior School has posselly been established in Dances Airm by a Berlink gold and he manetages.

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St. Paul, Minn. bell Midwanker, Sept. 28 on an advanced tour of tredes Ty The loop district, which is plainly visible from the fleid, in An overrught step was made here to the class A planer Every one of the other to be visited in the tour are nonwar his criderfour so the days the planes will had to There are two 300 ft, wide renewed, one being 3400 ft. he figured up vary startily.

Announcement of four of the planes and their pilots on a follows. John Woods, who will fly a Wisco plane; Mail Malablett, of Wassas, no Englewick plane; Land, Joy.

> ATTRACTION Vs. Scaring of Passengers





EDO AIRCRAFT CORPORATION - College Point - L. L. N. Y.

. odrovik Post of the American Legion. According to

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Specially all not med and passenger service of the Next by Col. L. E. Stretch, you granded and greates making of the company. This service will go into affect as said The Midwest Agreem, Inc., in a new Midweshoe renerry

Knyan, and Val. A. Zammermann. Okinhoma City, Okla. With Frenk P. Deuglas of Oksonik at their head the Amer-

October 10, 190 October 10, 1927

The Okishoma", Towns Air coken monophene endered or Dele furth by Dennett Guiffin and Al Header in to be He Dele Bight by Dennett tuntion and Al Issuery in so or sold by its bookers and proceeds divided popular among those Cherico Breux, traffic manager of the National Air Trans-ject Co., recently worked Objectson Coly. A. L. Chesonius.

Desper of the Mannella Polissians Co. was assume Syrrouse, N. Y.

The femiliaty of haldour on someons show in the New The show, members us favor of it around, would attract blowing emprovements will be made at the avantal and air

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me of the County Park of Pendeng Algorit.

Fighting Fig. 1972.

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rounced by Mr Hood. The field will be made selt as it The ten Symmus years was have signed up for fiving

E B. Vadelopours, newtary of the group, has filed to the class such day. Each receiver will be given an hour or The appropriate account will be fresh once throughout the Wercester, Mass.

The learn of directors of the Worsester Airport, have have Three planes are now housed at Whattell Field. M. Whries

Considerable trouble is being experienced in sensors: "selfs" from the rements of Whiteel Field. The resemptions to return their verselbacon The marrier can east and west and weatheast to neethway. Such marriers are assuranted to 2,000 ft, long by 300 ft. A low stonewall marks the northeast and of that yes-Gardner, Mass.

Gardner, Mann, e cety 37 mi mortheset of Warrenter, " manufacture at arrest and will be ready for planes about Protected and from the city as well as private objects as an Springfield, Mass.

correct to the field for apprehise

harder senting of the commission was held at the Hotel would and class were made to hold a public hearing or Noticed and public wate made to cope a public hearing to the report question to meet some of the objections which never forth as a long assport has taken from in a petition elevate products. The subcome of the hearter and the pelifico-, placing taples and motion picture department has been control have been purchased. The plant has been constall The symptom will be being there and be-

Wilson H Mitchell of this rate has been secured to exper-The Plane Clab of Sewarfeld Mana, Inc., has been The clob or proposed on nemerical the name herm as a

but the interest shows by prospects more the expressation was accounted industria that all vaccounts will be filled soon. 20 overed to take part in about all the dail's programs or this lope with the sink pulses at the same handly rate the

He weckeries look after the pitte which will be kept to a

O Please and Descriptive Felder Print perturbed will be given by Harry Hermann of Symulfield Agricum. Harry has had years of spadent organ-



The Flying Clab of Springfield at a meeting invaganted

The associate memberskip earner with it the privilege of why after the righ instance and regular meetings and of tub-

Guy E. Morar of the say w the pheadert of a new Bir-raptical corporation to be known to Interestic Advance, Inc., with the hans at Bennard Field, Meriford, Gene. The son-pass will sell amphires, tends drying and do passenger work. Look Herry D. Coulond of Martinets in the vice presented

The activities of the company will be rentered largely at

The company will sell Englanded:
Harry Hamanh and Bell Thomas now have about 50 size Harry his developed rate conscious of an after disper-

Three please from the Colombi National Guard, with kentquarters at Donney, stepped at the local agreet on mode to

ferrers) passengers from western points made a quick per-

Chevenne, Wyo.

Gentler 10, 1927

Circinenti, Ohio

Annual resident was represented at War E. Arthur

Li A H Wander of the Embry-Battle Company has been giving talks at the Y M C A and other sives argumentation. 2: - heped that other communities will follow the worth-Ourse Johnson in his Waso-99 "Master Walter" and Cart. Jack Pallana in his Waso-90 "Sens D'Ant" have been doing which bleaster Breat from the Landers Assessed to the Carterian Actions. Le Hogh Waters had a swaper experience at Waters, Air-ner, Phie Ash, when he was forced into the sele of below-

Madison Wis The Malmot Air Titlesport Co. of Madner, but pop-

Madican's first six traffic signs bern been painted on the

Breese

4-Passenger Cabin

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mer, and during this time 65,650 mt. was flower, 100 passen.

marked in the my I may, 34 ms. Robert Halors was the rea-

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C 5 Erwin, at Enoungham, Ala, thelice the crown at Water Argort with an exhibition of spectaciar start, while length P A. Dyware excepted one of the function para-ciant comps. DeWess has been attempting to break his de-

the and other several encountry. The ER Experis operated between Learnytte and Clereland

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ren. Associated Superingry of the Newy, reducing the definition. for nying and was made position by the fire conquestion of Electra buttoes men. It is being operated by the Electra many The consequence wash was done by Wes. E. Arthur The field is a fear-way can having the renways ereselve about at right angles. One moving it good the end the other one is now in. The 20 person waste were the the field "

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Classes on technical instruction will be rendered during the the first with their names pointed in the billion to be used for observing and published about which will be considered and the Antistonia Mangara will be con-trol and in spiring it is expected many harpens will be con-sistented and occupied. The company oppose that they have be deliced in order from the Travel Air factors at Warker

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